

The following “Listing of Claims” replaces all prior versions and Listings of Claims in the application:

1-20. (Canceled)

21. (Currently Amended) An event system comprising:

a base station for outputting at least one performance metric;

one or more mobile sensing units for attachment with mobile participants in a competitive event within a competitive event area, wherein the one or more mobile sensing units are for transmitting wireless data representing the at least one performance metric;

at least one camera attached to the mobile participant for capturing at least one image of at least one of the mobile participant and the at least one performance metric and transmitting data representing the at least one image to the base station to correlate with the wireless data representing the at least one performance metric, ~~wherein the at least one camera is for attachment to a vehicle that is attached to the mobile participants;~~ and

at least one relay unit for placement proximate to and stationary within the competitive event area, the at least one relay unit being remote from the mobile sensing units and the base station, the at least one relay unit for receiving the wireless data representing the at least one performance metric from the one or more mobile sensing units and for wirelessly transmitting ~~said~~ the received data to the base station.

22. (Canceled)

23. (Previously Presented) The system of claim 21, wherein the at least one relay unit includes at least two relay units.

24. (Canceled)

25. (Previously Presented) The system of claim 21, wherein the competitive event area is a half pipe event area.

26. (Previously Presented) The system of claim 21, further comprising a scoreboard, and wherein the base station outputs the at least one performance metric to the scoreboard.

27. (Previously Presented) The system of claim 21, further comprising a display device electrically coupled to the base station, and wherein the base station outputs the at least one performance metric to the display device.

28. (Previously Presented) The system of claim 21, wherein the at least one performance metric is at least one selected from the group of rotation, spin, tilt, leaning, acceleration, speed, edge time, distance, drop distance, airtime and g-force.

29. (Previously Presented) The system of claim 21, wherein the at least one performance metric includes a rotation rate or total rotation.

30. (Previously Presented) The system of claim 21, wherein the at least one performance metric includes a rotation component.

31. (Previously Presented) The system of claim 21, wherein the one or more mobile sensing units includes an accelerometer.

32. (Previously Presented) The system of claim 21, wherein the one or more mobile sensing units includes at least one magnetic field sensing device.

33. (Previously Presented) The system of claim 32, wherein the one or more mobile sensing units further includes one or more pitch and roll sensors.

34. (Previously Presented) The system of claim 21, wherein the one or more mobile sensing units includes one or more magnetic field sensing devices indicating 3 axes of rotation.

35. (Currently Amended) A system, comprising:

one or more mobile sensing units detachably engaged to a mobile participant in a competitive event within an event area, the one or more mobile sensing units for detecting at least one performance metric of the mobile participant and for transmitting wireless data representing the at least one performance metric;

one or more stationary relay units located proximate the event area and remotely from the one or more mobile sensing units, the one or more stationary relay units to receive the wireless data representing the at least one performance metric from the one or more mobile sensing units and to wirelessly re-transmit the data representing the at least one performance metric;

one or more mobile cameras ~~detachably engaged with a vehicle that is attached to the~~ mobile participant to capture at least one image of at least one of the mobile participant and the at least one performance metric and to transmit data representing the at least one image; and

a base station to receive the wireless data representing the at least one performance metric from the one or more stationary relay units, to receive the data representing the at least one image, and to correlate the data representing the at least one performance metric and the data representing the at least one image.

36. (Canceled)

37. (Previously Presented) The system of claim 35, further comprising:

a display device coupled to the base station, the display device to display the at least one performance metric.

38. (Previously Presented) The system of claim 35, the at least one performance metric representing at least one of rotation rate, total rotation, spin, tilt, leaning, acceleration, speed, edge time, distance, drop distance, airtime, g-force, or a combination thereof.

39. (Currently Amended) A method, comprising:

detecting, by a mobile sensing unit engaged with a mobile participant in a competitive event within an event area, at least one performance metric of the mobile participant;

transmitting, by the mobile sensing unit, wireless data representing the at least one performance metric;

receiving, by a stationary relay unit located proximate the event area and remotely from the mobile sensing unit, the wireless data representing the at least one performance metric; and

transmitting, by the stationary relay unit, the wireless data representing the at least one performance metric;

capturing, by a mobile camera ~~coupled to a vehicle attached to the mobile participant, an~~ image of at least one of the mobile participant and the at least one performance metric; and correlating the at least one performance metric with the image.

40. (Previously Presented) The method of claim 39, further comprising:

receiving, by a base station, the wireless data representing the at least one performance metric from the stationary relay unit.

41. (Previously Presented) The method of claim 40, further comprising:
displaying, by a display device coupled to the base station, the at least one performance metric.

42. (Previously Presented) The method of claim 40 further comprising:
transmitting, by the mobile camera, data representing the image.

43. (Previously Presented) The method of claim 39, the at least one performance metric representing at least one of rotation rate, total rotation, spin, tilt, leaning, acceleration, speed, edge time, distance, drop distance, airtime, g-force, or a combination thereof.

44. (New) The system of claim 21, further comprising a vehicle that is attached to at least one of a leg or foot of the mobile participant, wherein the at least one camera is attached to the vehicle.

45. (New) The system of claim 44, wherein the vehicle is at least one of a snowboard, a ski, a wakeboard, ice skates, and rollerblades.

46. (New) The system of claim 35, further comprising a vehicle that is attached to at least one of a leg or foot of the mobile participant, wherein the at least one camera is attached to the vehicle.

47. (New) The system of claim 46, wherein the vehicle is at least one of a snowboard, a ski, a wakeboard, ice skates, and rollerblades.